

CLAIMS

1. A submersible vehicle comprising a plurality of rigid submersible vessels coupled together end to end by resilient couplings, at least some of said rigid submersible vessels including means to independently steer the relevant submersible vessel, the lead submersible vessel and at least some of the submersible vessels including position tracking means, whereby the position of the relevant vessel may be accurately tracked, and computer means is provided so as to cause said at least some submersible vessels to control their steering means whereby the following submersible vessels follow the path of the lead submersible vessel.
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2. A submersible vehicle as claimed in claim 1 in which said steering means comprises generally vertical and/or horizontal fins.
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3. A submersible vehicle as claimed in claim 1 in which said steering means comprises side and/or up and down thrusters.
4. A submersible vehicle as claimed in claim 2 in which said steering means is provided at the front and/or the rear of the vessel.
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5. A submersible vehicle as claimed in claim 1 in which said position tracking means comprises a global positioning tracking system (GPS) sensor.
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6. A submersible vehicle as claimed in claims 1 in which said position tracking means comprises a gyroscopic apparatus.
7. A submersible vehicle as claimed in claim 1 in which the submersible vessels are connected by a cable which allows the data with regard to the positioning system of the submersible vessels to be transferred between submersible vessels.
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8. A submersible vehicle as claimed in claim 1 in which the submersible vessels are coupled by resilient couplings adapted to transmit pulling and braking forces between adjacent rigid submersible vessels.
- 5 9. A submersible vehicle as claimed in claim 1 wherein said coupling is adapted to limit the maximum angle between the axes of adjacent submersible vessels to 10^0 .
- 10 10. A submersible vehicle as claimed in claim 1 wherein said coupling is adapted to limit the maximum angle between the axes of adjacent submersible vessels to 5^0 .
- 10 11. A submersible vehicle as claimed in claim 1 wherein said coupling is adapted to limit the maximum angle between the axes of adjacent submersible vessels to $2\frac{1}{2}^0$.
- 15 12. A submersible vehicle as claimed in claim 1 wherein some of the rigid submersible vessels include propulsion means.
13. A submersible vehicle as claimed in claim 12 wherein the vessels including propulsion means are each provided with more than four propellers.
- 20 14. A submersible vehicle as claimed in claim 1 wherein each submarine vessel has a length in the range 80m to 200m.
15. A submersible vehicle as claimed in claim 14 wherein at least some of the submarine vessels are 100m to 150m in length.

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